# INSTALLATION OF SHORT DISPLAY ARM

## INSTALLATION PROCEDURE

**Removing an existing display arm:**

1. Turn the System Power switch to STANDBY and remove AC power from the machine.

NOTE: If the Short Display Arm is **not** replacing an existing display arm, skip to Step 9.

CAUTION: Do not plug or unplug the remote display with power applied.

2. Disconnect the Datagrip and remote display cables from their receptacles.

3. Remove all of the cable clamps securing the Datagrip and remote display cables.

4. Remove the plastic cap at the outboard end of the display arm. Loosen the Datagrip and remote display assembly mounting screw until the assembly separates from the arm. Do not lose any of the mounting hardware.

5. If the machine is equipped with an optional patient line boom arm, remove the arm from its mounting block.

6. If the machine is equipped with a manual sphygmomanometer, remove the gauge from the machine.

7. While supporting the display arm, remove the screws holding the support plate to the side of the machine, and remove the arm.

8. From the back of the support plate, remove the two screws holding the existing display arm to the support plate. These screws will be re-used in the next step.

NOTE: If the machine is equipped with an optional patient line boom arm, the boom arm mounting block can remain in place on the support plate.

**Installing the Short Display Arm:**

9. Attach the short display arm to the support plate with two ⅜-24 x 1 in. flat head socket screws. See Figure 1. If the installation includes an optional patient line boom arm, use two ⅜-24 x 2¾ in. flat head socket screws.

## INSTALLATION PROCEDURE (continued)

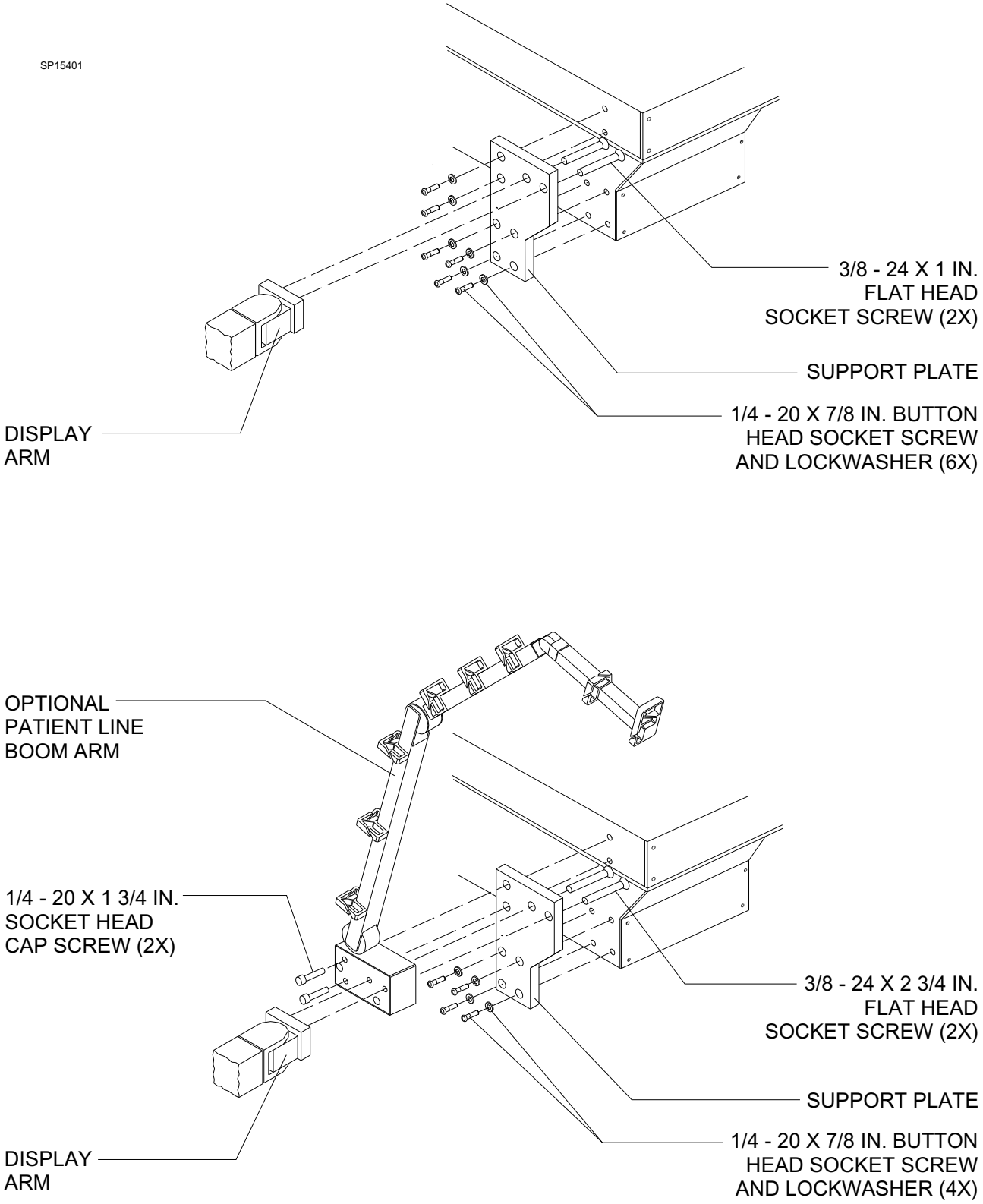


**Figure 1: DISPLAY ARM AND SUPPORT PLATE MOUNTING DETAILS**

## INSTALLATION PROCEDURE (continued)

10. Position the arm and support plate assembly at the left side of the machine and attach the support plate to the machine with six ¼-20 x ⅞ in. button head socket screws and lock washers.

    If the installation includes an optional patient line boom arm, attach the support plate to the machine with four ¼-20 x ⅞ in. button head socket screws and lock washers, and two ¼-20 x 1¾ in. socket head cap screws through the boom arm block.

    If the installation includes a manual sphygmomanometer, use a ¼-20 x 1⅜ in. button head socket screw through the gauge mount at the lower front corner of the support plate.

**Installing the Datagrip and display:**

11. Remove the plastic cap at the end of the arm to expose the Datagrip assembly mounting screw.

12. Position the Datagrip assembly under the arm as shown in Figure 2 or Figure 3. Be sure that the delrin spacer is installed between the Datagrip assembly and the arm, and that the arrangement of mounting hardware is as shown in the illustration.

13. Tighten the mounting screw to a torque of 4 foot pounds. Reinstall the plastic cap to cover the mounting screw recess.

**Installing the cables:**

14. Route the Datagrip and display cables through the ⅜ in. cable clamp on the bottom of the short arm as shown in Figure 2. Secure the clamp with a 6-32 x ⅜ in. button head socket screw.

15. Route the cables through a ¾ in. cable clamp at the support plate and secure the clamp with a 6-32 x ⅜ in. button head socket screw.

16. Verify that the Datagrip, the display, and the short arm have full range of adjustment with no binding caused by the cables. Position the cables in their clamps as needed.

17.A Narkomed 2C (see Figure 2):
Route the cables through a ⅜ in. cable clamp at the back of the bellows box, and through a ¾ in. cable clamp on the underside of the ventilator box. Coil the excess cable in the ¾ in. clamp, and connect the Datagrip and display cables to their receptacles on the underside of the ventilator box.

17.B Narkomed 4 (see Figure 3):
Coil the excess cable around the cord-wraps on the side of the bellows box, and connect the cables to their receptacles on the monitor interface panel.

18. Restore power to the machine; exercise the Datagrip and observe the display to verify correct operation.

**INSTALLATION PROCEDURE (continued)**

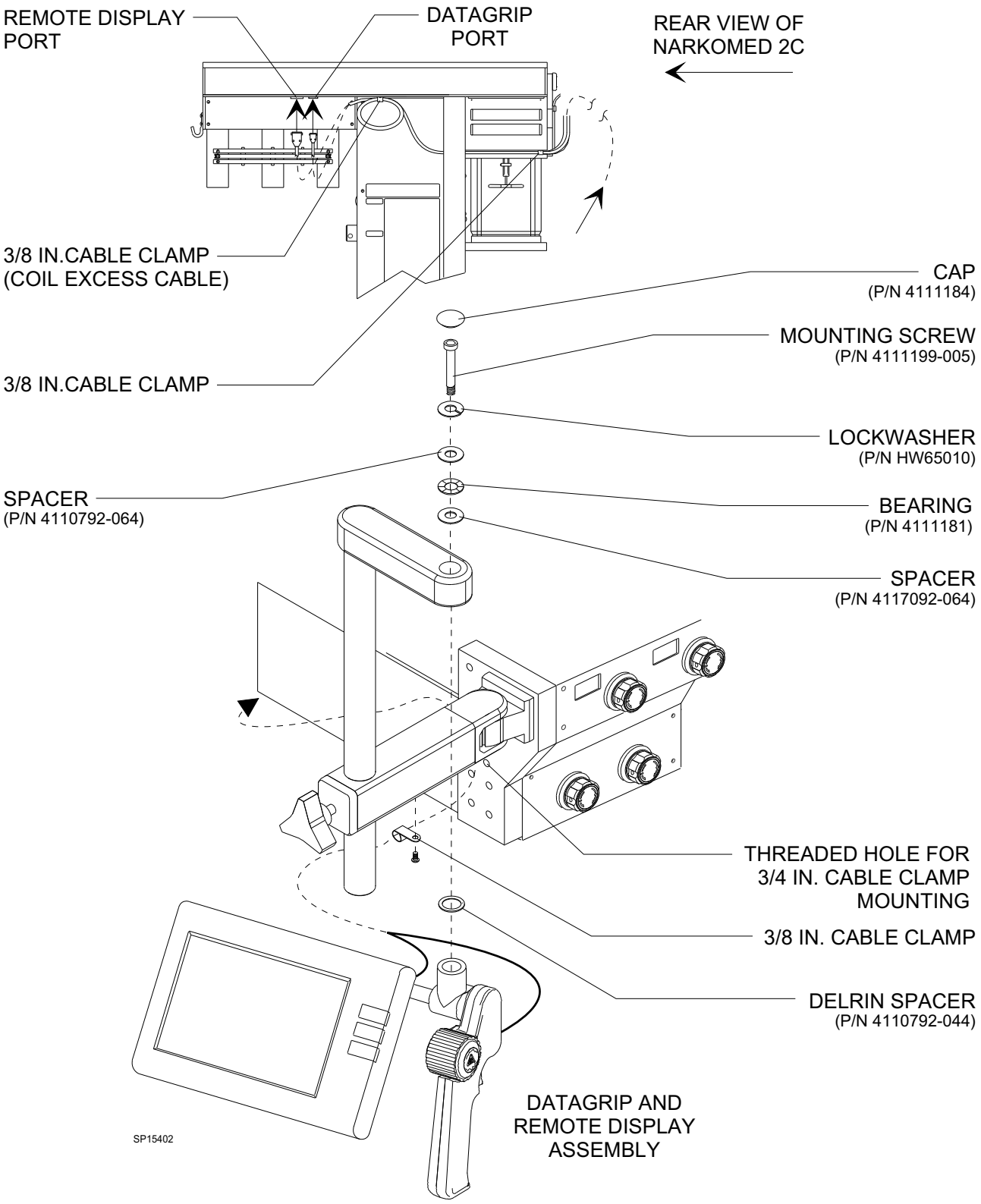


**Figure 2: DATAGRIP INSTALLATION AND CABLE ROUTING, NARKOMED 2C**

**INSTALLATION PROCEDURE (continued)**

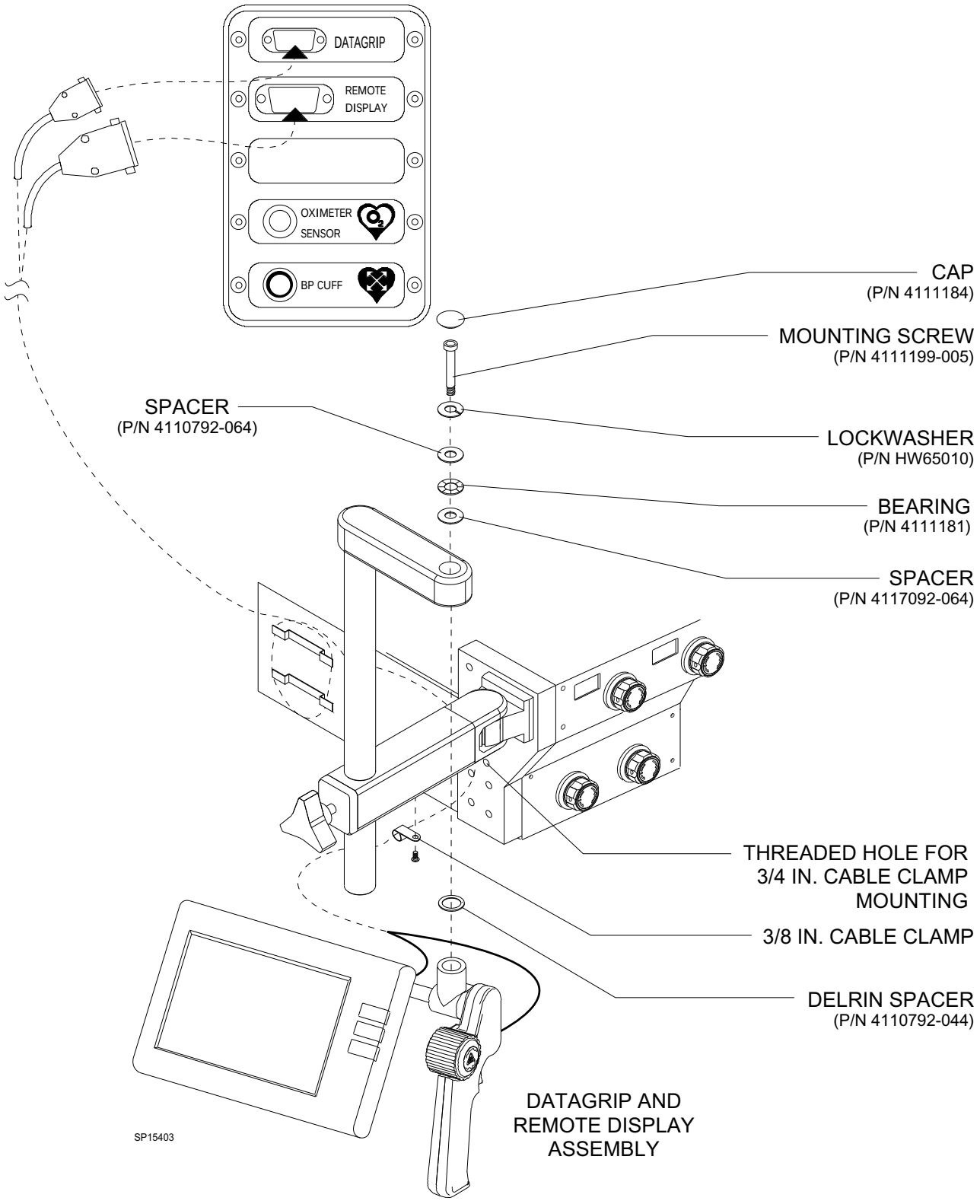


**Figure 3: DATAGRIP INSTALLATION AND CABLE ROUTING, NARKOMED 4**

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